

Application No. 10/534,684
Amendment Dated February 13, 2007
Reply to Office Action of November 20, 2006

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (currently amended): A device for a single-acting hydraulic cylinder-(1) designed to lift or pull a load upon the existence of an oil pressure on the rod-side of a cylinder piston-(7), ~~characterized in that the cylinder bottom-(15) of the hydraulic cylinder~~ (1) is being provided with a drainage outlet-(27) for leaking fluid, as well as an air inlet (29), the drainage outlet being connected to a reservoir for collection of leakage fluid, wherein the air inlet is connected with a compressed air reservoir adapted to continuously or periodically apply an overpressure to the lower cylinder space.

Claim 2 (cancelled)

Claim 3 (currently amended): ~~A The device in accordance with of Claim 21, characterized in that wherein~~ the reservoir-(28) in the position of use is placed at a higher level than the bottom-(15) of the hydraulic cylinder.

Claim 4 (cancelled)

Claim 5 (cancelled)

Claim 6 (currently amended): ~~A The device in accordance with of Claim 1, characterized in that the wherein~~ the bottom of the hydraulic cylinder is provided with a piston shoulder (21) bearing surface which together with the cylinder piston forms a hollow space-(21b) when the cylinder piston-(7) is in ~~the~~ a lower position.

Claim 7 (new): The device of claim 1, wherein the air inlet projects above the inner wall surface of the bottom of the cylinder.

Claim 8 (new): A hydraulically actuated piston-cylinder device, the device comprising:
an elongated cylinder;
a piston disposed in the cylinder and being reciprocatable along a length of the cylinder, the piston separating the cylinder into first and second sealed chambers;
means for supplying pressurized oil to the first chamber;
means for discharging oil from the second chamber that leaked from the first chamber into the second chamber;
means for collecting the oil discharged from the second chamber; and
means for supplying pressurized air to the second chamber.

Claim 9 (new): The device of claim 8, wherein the means for supplying pressurized oil to the first chamber comprises an oil inlet connected to the first chamber.

Claim 10 (new): The device of claim 8 wherein the means for discharging oil from the second chamber that leaked from the first chamber into the second chamber comprises an oil outlet connected to the second chamber.

Claim 11 (new): The device of claim 8, wherein the oil outlet is in a bottom of the cylinder.

Claim 12 (new): The device of claim 8, wherein the means for collecting the oil discharged from the second chamber comprises a reservoir connected to the oil outlet.

Claim 13 (new): The device of claim 12, wherein the reservoir is positioned at a higher elevation than the bottom of the cylinder.

Claim 14 (new): The device of claim 8, wherein the means for supplying pressurized air to the second chamber comprises an air inlet connected to the second chamber and a source of pressurized air connected to the air inlet.

Claim 15 (new): The device of claim 14, wherein the air inlet is in a bottom of the cylinder.

Claim 16 (new): The device of claim 15, wherein the air inlet projects above an inner wall surface of the cylinder bottom.

Claim 17 (new): The device of claim 15, wherein the cylinder bottom comprises a piston bearing surface and wherein the piston bearing surface and piston define a hollow space when the piston bearing surface and piston are positioned proximate each other.

Claim 18 (new): A device for a single-acting hydraulic cylinder designed to lift or pull a load upon the existence of an oil pressure on the rod-side of a cylinder piston, the cylinder bottom of the hydraulic cylinder being provided with a drainage outlet for leaking fluid, as well as an air inlet, wherein the reservoir in the position of use is placed at a higher level than the bottom of the cylinder.

Claim 19 (new): A device for a single-acting hydraulic cylinder designed to lift or pull a load upon the existence of an oil pressure on the rod-side of a cylinder piston, the cylinder bottom of the hydraulic cylinder being provided with a drainage outlet for leaking fluid, as well as an air inlet, wherein the cylinder bottom of the hydraulic cylinder is provided with a piston bearing surface which forms a hollow space when the cylinder piston is in the lowered position.